

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 30, 33, 80 and 85.

Please cancel claims 1-29 and 36-79 without prejudice.

STATUS OF CLAIMS

Claims 1- 29 (**canceled**)

Claim 30 (**currently amended**) An isolated polypeptide comprising SEQ ID NO:2 or a fragment ~~thereof~~ of SEQ ID NO:2, wherein said polypeptide comprises an epitope specific to SEQ ID NO: 2.

Claim 31 (**original**) The polypeptide of claim 30 wherein said polypeptide comprises a sequence of SEQ ID NO:2.

Claim 32 (**previously presented**) The polypeptide of claim 33 wherein said polypeptide comprises an amino acid sequence with at least 95% sequence identity to a sequence of SEQ ID NO:2.

Claim 33 (**currently amended**) An isolated polypeptide comprising an amino acid sequence with at least 80% ~~homologous~~ sequence identity to SEQ ID NO: 2.

Claim 34 (**canceled**)

Claim 35 (**previously presented**) A composition comprising a polypeptide of claim 30 and an acceptable carrier or diluent.

Claims 36-79 (canceled)

Claim 80 (**currently amended**) The polypeptide of claim 33 ~~wherein said~~ wherein said amino acid sequence is has at least 90% ~~homologous~~ sequence identity to SEQ ID NO:2.

Claim 81 (**previously presented**) The isolated polypeptide of claim 33, wherein said polypeptide is a seven transmembrane receptor.

Claim 82 (**previously presented**) The isolated polypeptide of claim 81, wherein said seven transmembrane receptor is a G-protein coupled receptor.

Claim 83 (**previously presented**) The isolated polypeptide of claim 30 wherein said fragment comprises at least 5 amino acids.

Claim 84 (**previously presented**) The isolated polypeptide of claim 30 wherein said fragment comprises at least 20 amino acids.

Claim 85 (**currently amended**) A purified and isolated polypeptide encoded by a polynucleotide comprising a nucleotide sequence wherein said polynucleotide hybridizes to the nucleotide sequence set forth in SEQ ID NO: 1 ~~or the noncoding strand complementary thereto~~, under ~~stringent~~ the following hybridization conditions :

a) hybridization for 16 hours at 42°C in a hybridization solution comprising 50% formamide, 1% SDS, 1 M NaCl, 10% dextran sulfate and

(b) washing 2 times for 30 minutes at 60°C in a wash solution comprising 0.1x SSC and 1% SDS;

with the provision that the polynucleotide comprises a nucleotide sequence that differs from the sequence set forth as SEQ ID NO: 1 and from its complementary strand by at least one nucleotide.

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Claim 86 (previously presented) The polypeptide of claim 85, wherein said polypeptide is a seven transmembrane receptor.

Claim 87 (previously presented) The polypeptide of claim 86, wherein said seven transmembrane receptor is a G-protein coupled receptor.